

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/697,802A
Source: IFWJ0
Date Processed by STIC: 2/24/05

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/697,802A

CRF Edit Date: 2/28/05
Edited by: Ar

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

___ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

___ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

1 ___ Other:
sequences 3-4, 10 - deleted "ORGANISM:" alphabetical
heading on <213> line



IFWO

RAW SEQUENCE LISTING

DATE: 02/28/2005

PATENT APPLICATION: US/10/697,802A

TIME: 12:41:19

Input Set : N:\AMC\697802.txt

Output Set: N:\CRF4\02282005\J697802A.raw

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4 <110> APPLICANT: HAN, XIANG-YANG
5   PHAM, AUDREY S.
7 <120> TITLE OF INVENTION: METHOD OF DETERMING A SPECIES OF A BACTERIUM
9 <130> FILE REFERENCE: 01-001
11 <140> CURRENT APPLICATION NUMBER: 10/697,802A
12 <141> CURRENT FILING DATE: 2003-10-31
14 <160> NUMBER OF SEQ ID NOS: 145
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 1383
18 <212> TYPE: DNA
19 <213> ORGANISM: Mycobacterium abscessus
21 <400> SEQUENCE: 1
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24 aggaccacac acttcatggt gagtgggtgca aagcttttgc ggtgtgggat gagcccgcgg 180
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31 taactgtggg cgtgcgggcg atacgggcag actagagtac tgcaggggag actggaattc 600
32 ctggtgtagc ggtggaatgc gcagatatca ggaggaacac cgggtggcgaa ggcgggtctc 660
33 tgggcagtaa ctgacgctga ggagcgaaag cgtgggtagc gaacaggatt agataccctg 720
34 gtagtccacg ccgtaaacgg tgggtactag gtgtgggttt ccttccttgg gatccgtgcc 780
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38 gtgtgcaggt ggtgcatggc tgtcgtcagc tcgtgtcgtg agatgttggg ttaagtcccg 1020
39 caacgagcgc aacccttgct ctatgttgcc agcgggtaat gccggggact cgtaggagac 1080
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45 gga          1383
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49 <211> LENGTH: 1454
50 <212> TYPE: DNA
51 <213> ORGANISM: Mycobacterium avium
53 <400> SEQUENCE: 2
54 gacgaacgct ggcggcgtgc ttaacacatg caagtccaac ggaaaggcct cttcggaggt 60
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58 aggcgacgac gggtagccgg cctgagaggg tgtccggcca cactgggact gagatacggc 300
59 ccagactcct acgggaggca gcagtgggga atattgcaca atgggcgcaa gcctgatgca 360
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61 gtccgggttt tctcggttg acggtaggtg gagaagaagc accggccaac tacgtgccag 480
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63 taggtggttt gtgcggttg tctgaaatc tcacggctta actgtgagcg tgcgggcat 600
64 acgggcagac tagagtactg caggggagac tgggaattct ggtgtagcgg tggaatgcgc 660
65 agatatcagg aggaacaccg gtggcgaagg cgggtctctg ggcagtaact gacgctgagg 720
66 agcgaaagcg tggggagcga acaggattag ataccctggg agtccacgcc gtaaaccggtg 780
67 ggtactaggt gtgggtttcc ttccttggga tccgtgccgt agctaacgca ttaagtaccc 840
68 cgcctgggga gtacggccgc aaggctaaaa ctcaaaggaa ttgacggggg cccgcacaag 900
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71 tctcagctc gtgtcgtgag atgttgggtt aagtcgccga acgagcgcaa cccttgctc 1080
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78 tcggcgattg ggac 1454
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83 <211> LENGTH: 1421
84 <212> TYPE: DNA
85 <213> ORGANISM: Mycobacterium bovis
87 <400> SEQUENCE: 3
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90 ggggtctaata ccgcatagga ccacgggatg catgtcttgt ggtggaaagc gcttttagcg 180
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92 acgggtagcc ggctgagag ggtgtccggc cacactggga ctgagatacg gccagactc 300
93 ctacgggagg cagcagtggg gaattattgca caatgggcgc aagcctgatg cagcgacgcc 360
94 gcgtggggga tgacggcctt cgggttgtaa acctctttca ccatcgacga aggtccgggt 420
95 tctctcggtg tgacggtagg tggagaagaa gcaccggcca actacgtgcc agcagccgcg 480
96 gtaatacgtg ggggtcgagc gttgtccgga attactgggc gtaaagagct cgtaggtggg 540
97 ttgtcgcgtt gttcgtgaaa tctcacggct taactgtgag cgtgcgggcg atacgggcag 600
98 actagagtag tgcaggggag actggaattc ctggtgtagc ggtggaatgc gcagatatca 660
99 ggaggaacac cgggtggcga ggcggtctc tgggcagtaa ctgacgtga ggagcgaaag 720
100 cgtggggagc gaacaggatt agataccctg gtagtccacg ccgtaaacgg tgggtactag 780
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102 gtagtccggc gcaaggctaa aactcaaagg aattgacggg ggcccgca agcggcgagg 900
103 catgtggatt aattcgatgc aacgcgaaga accttacctg ggtttgacat gcacaggacg 960
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106 agcacgtaat ggtggggact cgtgagagac tgccgggggtc aactcggagg aagggtgggga 1140
107 tgacgtcaag tcatcatgcc ccttatgtcc agggcttcac acatgctaca atggccggta 1200
108 caaagggtcg cgatgccgcg aggttaagcg aatccttaaa agccggtctc agttcggatc 1260

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 110 gcggtgaata cggtcccggt ccttgtagac accgcccgtc acgtcatgaa agtcggtaac 1380
 111 acccgaagcc agtggcctaa cccttgggag ggagctgtcg a 1421

114 <210> SEQ ID NO: 4

115 <211> LENGTH: 1439

116 <212> TYPE: DNA

117 <213> ORGANISM: Mycobacterium chelonae

119 <400> SEQUENCE: 4

120 gacgaacgct ggcggtgtgc ttaacacatg caagtcgaac gggaaaggcc cttcggggta 60
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 127 gaaagtgcag gtacctacag aagaaggacc ggccaactac gtgccagcag ccgcggtaat 480
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 131 aacaccgggt gcgaaggcgg gtctctgggc agtaactgac gctgaggagc gaaagcgtgg 720
 132 gtacgcaaca ggattagata ccctggtagt ccacgccgta aacgggtggg actagggtgtg 780
 133 ggtttccttc cttgggatcc gtgcccgtgc taacgcatta agtaccgccg ctggggagta 840
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 140 ggctgcgaag ccgcaagggt gagcgaatcc cttaaagctg gtctcagttc ggattggggg 1260
 141 ctgcaactcg acccatgaa gtcggagtcg ctagtaatcg cagatcagca acgctgcggg 1320
 142 gaatacgttc ccgggccttg tacacaccgc ccgtcmcgct atgaaagtcg gtaacaccgc 1380
 143 aagccagtgg cctaaccttt tggagggagc tgtcgaaggt gggatcggcg attgggacg 1439

147 <210> SEQ ID NO: 5

148 <211> LENGTH: 1482

149 <212> TYPE: DNA

150 <213> ORGANISM: Mycobacterium farcinogenes

152 <400> SEQUENCE: 5

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 155 gaaactgggt ctaataccgg ataggaccac gcgcttcagt gtgtgtgggt gaaagctttt 180
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 163 actgcagggg agactggaat tcctgggtga gcgggtggaat gcgcagatat caggaggaac 660
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Input Set : N:\AMC\697802.txt

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166 ttccttcctt gggatccgtg ccgtagctaa cgcattaagt accccgcctg gggagtacgg 840
167 ccgcaaggct aaaactcaaa ggaattgacg ggggcccgcg caagcggcgg agcatgtgga 900
168 ttaattcgat gcaacgcgaa gaaccttacc tgggtttgac atgcacagga cgccagtaga 960
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173 tgcgatgccg tgaggtggag cgaatccttt caaagccggt ctcatgttcg atcggggtct 1260
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175 atacgttccc gggccttgta cacaccgcc gtcacgtcat gaaagtcggt aacaccgaa 1380
176 gccggtggcc taacccttgt ggagggagcc gtcgaagggt ggatcggcga ttgggacgaa 1440
177 gtcgtaacaa ggtagccgta ccggaagggt cggctggatc ac 1482

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181 <210> SEQ ID NO: 6

182 <211> LENGTH: 1449

183 <212> TYPE: DNA

184 <213> ORGANISM: Mycobacterium fortuitum

186 <400> SEQUENCE: 6

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198 gaaggcgggt ctctgggcag taactgacgc tgaggagcga aagcgtgggg agcgaacagg 720
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208 ccccgtaag tcggagtcgc tagtaatcgc agatcagcaa cgctgcggtg aatacgttcc 1320
209 cgggccttgt acacaccgcc cgtcacgtca tgaaagtcgg taacaccgga agccggtggc 1380
210 ctaacccttg tggagggagc cgtcgaagggt gggatcggcg attgggacga agtcgtaaca 1440
211 aggtagccg 1449

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215 <210> SEQ ID NO: 7

216 <211> LENGTH: 1461

217 <212> TYPE: DNA

218 <213> ORGANISM: Mycobacterium gordonae

220 <400> SEQUENCE: 7

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224 ggatggggccc gcggcctatc agcttggttg tggggtgatg gcctaccaag gcgacgacgg 240
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228 tgggctgac ggtaggtgga gaagaagcac cggccaacta cgtgccagca gccgcggtaa 480
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232 gaacaccggt ggcgaaggcg ggtctctggg cagtaactga cgctgaggag cgaaagcgtg 720
233 gggagcgaaac aggattagat accctggtag tccacgccgt aaacgggtggg tactagggtg 780
234 ggggttccct ccttgggatc cgtgccgtag ctaacgcatt aagtaccccg cctggggagt 840
235 acggccgcaa ggctaaaact caaagaaatt gacgggggccc cgcacaagcg gcggagcatg 900
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239 ggtaatgccg gggactcgtg agagactgcc ggggtcaact cggaggaagg tggggatgac 1140
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243 gtgaatacgt tcccgggcct tgtacacacc gccggtcacg tcatgaaagt cggtaacacc 1380
244 cgaagccagt ggcctaacct ttgggaggga gctgtcgaag gtgggatcgg cgattgggac 1440
245 gaagtcgtaa caaggtagcc g 1461

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249 <210> SEQ ID NO: 8

250 <211> LENGTH: 1527

251 <212> TYPE: DNA

252 <213> ORGANISM: Mycobacterium heckeshornense

254 <400> SEQUENCE: 8

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257 gcacttcggg ataagcctgg gaaactgggt ctaataccgg ataggaccgc gccatgcatg 180
258 tgggtgtggtg gaaagcgtgt ggtagtgttg tgggatgggc ccgcggccta tcagcttgtt 240
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260 cactgggact gagatacggc ccagactcct acgggaggga gcagtgggga atattgcaca 360
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262 ctctttcacc atcgacgaag ccgcagcttt tgttgtgttg acggtaggtg gagaagaagc 480
263 accggccaac tacgtgccag cagccgcggt aatacgtagg gtgcaagcgt tgtccggaat 540
264 tactgggcgt aaagagctcg taggcggctt gtcgcgttgt tcgtggaatg ccacagctta 600
265 actgtgggcg tgcgggcgat acgggcaggc tggagtgttg caggggagac tgggaattcct 660
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270 ttgacggggg ccgcacaaag cggcgagca tgtggattaa ttcgatgcaa cgcaagaac 960
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273 acgagcgcaa cccttgctcc atgttgccag cacgtgatgg tggggactca tgggagactg 1140
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VERIFICATION SUMMARY

DATE: 02/28/2005

PATENT APPLICATION: US/10/697,802A

TIME: 12:41:20

Input Set : N:\AMC\697802.txt

Output Set: N:\CRF4\02282005\J697802A.raw



IFWO

RAW SEQUENCE LISTING

DATE: 02/24/2005

PATENT APPLICATION: US/10/697,802A

TIME: 12:09:13

Input Set : D:\SEQUENCE LISTING.txt

Output Set: N:\CRF4\02242005\J697802A.raw

4 <110> APPLICANT: HAN, XIANG-YANG
 5 PHAM, AUDREY S.
 7 <120> TITLE OF INVENTION: METHOD OF DETERMING A SPECIES OF A BACTERIUM
 9 <130> FILE REFERENCE: 01-001
 11 <140> CURRENT APPLICATION NUMBER: 10/697,802A
 12 <141> CURRENT FILING DATE: 2003-10-31
 14 <160> NUMBER OF SEQ ID NOS: 145
 16 <210> SEQ ID NO: 1
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 21 <400> SEQUENCE: 1
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 24 aggaccacac acttcatggt gagtgggtgca aagcttttgc ggtgtgggat gagcccgagg 180
 25 cctatcagct tggttggtggg gtaatggccc accaaggcga cgacgggtag ccggcctgag 240
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 27 ggggaatttg cacaatgggc gcaagcctga tgcagcgacg ccgctgagg gatgacggcc 360
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2-3

Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING

DATE: 02/24/2005

PATENT APPLICATION: US/10/697,802A

TIME: 12:09:13

Input Set : D:\SEQUENCE LISTING.txt

Output Set: N:\CRF4\02242005\J697802A.raw

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RAW SEQUENCE LISTING

DATE: 02/24/2005

PATENT APPLICATION: US/10/697,802A

TIME: 12:09:13

Input Set : D:\SEQUENCE LISTING.txt

Output Set: N:\CRF4\02242005\J697802A.raw

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152 <400> SEQUENCE: 5
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RAW SEQUENCE LISTING

DATE: 02/24/2005

PATENT APPLICATION: US/10/697,802A

TIME: 12:09:13

Input Set : D:\SEQUENCE LISTING.txt

Output Set: N:\CRF4\02242005\J697802A.raw

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176 gccggtggcc taacccttgt ggaggagacc gtcgaagggt ggatcggcga ttgggacgaa 1440
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182 <211> LENGTH: 1449

183 <212> TYPE: DNA

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186 <400> SEQUENCE: 6

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215 <210> SEQ ID NO: 7

216 <211> LENGTH: 1461

217 <212> TYPE: DNA

218 <213> ORGANISM: Mycobacterium gordonae

220 <400> SEQUENCE: 7

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RAW SEQUENCE LISTING

DATE: 02/24/2005

PATENT APPLICATION: US/10/697,802A

TIME: 12:09:13

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Output Set: N:\CRF4\02242005\J697802A.raw

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VERIFICATION SUMMARY

DATE: 02/24/2005

PATENT APPLICATION: US/10/697,802A

TIME: 12:09:14

Input Set : D:\SEQUENCE LISTING.txt

Output Set: N:\CRF4\02242005\J697802A.raw